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RAW SEQUENCE LISTING

DATE: 05/09/2002

PATENT APPLICATION: US/09/923,070A

TIME: 13:02:14

Input Set : A:\7682-059.txt

Output Set: N:\CRF3\05092002\I923070A.raw

4 <110> APPLICANT: Jin, Hong
 5 Tang, Roderick
 6 Li, Shengqiang
 7 Bryant, Martin
 9 <120> TITLE OF INVENTION: Recombinant RSV Expression Systems and
 10 Vaccines
 12 <130> FILE REFERENCE: 7682-059
 14 <140> CURRENT APPLICATION NUMBER: 09/923,070A
 15 <141> CURRENT FILING DATE: 2001-08-06
 17 <150> PRIOR APPLICATION NUMBER: 09/161,122
 18 <151> PRIOR FILING DATE: 1998-09-25
 20 <160> NUMBER OF SEQ ID NOS: 47
 22 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 46
 26 <212> TYPE: DNA
 27 <213> ORGANISM: Artificial Sequence
 29 <220> FEATURE:
 30 <223> OTHER INFORMATION: Oligonucleotide
 32 <400> SEQUENCE: 1
 33 cgacgcatat tacgcgaaaa aatgcgtaca acaaacttgc ataaac 46
 35 <210> SEQ ID NO: 2
 36 <211> LENGTH: 50
 37 <212> TYPE: DNA
 38 <213> ORGANISM: Artificial Sequence
 40 <220> FEATURE:
 41 <223> OTHER INFORMATION: Oligonucleotide
 43 <400> SEQUENCE: 2
 44 caaaaaaatg gggcaataa gaatttgata agtaccactt aaatttaact 50
 46 <210> SEQ ID NO: 3
 47 <211> LENGTH: 24
 48 <212> TYPE: DNA
 49 <213> ORGANISM: Artificial Sequence
 51 <220> FEATURE:
 52 <223> OTHER INFORMATION: Oligonucleotide
 54 <400> SEQUENCE: 3
 55 ctagagttaa atttaagtgg tact 24
 57 <210> SEQ ID NO: 4
 58 <211> LENGTH: 50
 59 <212> TYPE: DNA
 60 <213> ORGANISM: Artificial Sequence
 62 <220> FEATURE:
 63 <223> OTHER INFORMATION: Oligonucleotide

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65 <400> SEQUENCE: 4
66 tatcaaattc ttatttgccc catttttttg gtttatgcaa gtttgttgta 50
68 <210> SEQ ID NO: 5
69 <211> LENGTH: 30
70 <212> TYPE: DNA
71 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Oligonucleotide
76 <400> SEQUENCE: 5
77 cgcatttttt cgcgtaatat gcgtcggtac 30
79 <210> SEQ ID NO: 6
80 <211> LENGTH: 50
81 <212> TYPE: DNA
82 <213> ORGANISM: Artificial Sequence
84 <220> FEATURE:
85 <223> OTHER INFORMATION: Oligonucleotide
87 <400> SEQUENCE: 6
88 gtattcaatt atagttatta aaaattaaaa atcatataat tttttaaata 50
90 <210> SEQ ID NO: 7
91 <211> LENGTH: 50
92 <212> TYPE: DNA
93 <213> ORGANISM: Artificial Sequence
95 <220> FEATURE:
96 <223> OTHER INFORMATION: Oligonucleotide
98 <400> SEQUENCE: 7
99 acttttagtg aactaatcct aaagttatca ttttaatctt ggaggaataa 50
101 <210> SEQ ID NO: 8
102 <211> LENGTH: 50
103 <212> TYPE: DNA
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: Oligonucleotide
109 <400> SEQUENCE: 8
110 atttaaacc taatctaatt ggtttatatg tgtattaact aaattacgag 50
112 <210> SEQ ID NO: 9
113 <211> LENGTH: 46
114 <212> TYPE: DNA
115 <213> ORGANISM: Artificial Sequence
117 <220> FEATURE:
118 <223> OTHER INFORMATION: Oligonucleotide
120 <400> SEQUENCE: 9
121 atattagttt ttgacacttt ttttctcggt atagtgagtc gtatta 46
123 <210> SEQ ID NO: 10
124 <211> LENGTH: 25
125 <212> TYPE: DNA
126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: Oligonucleotide
131 <400> SEQUENCE: 10

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135 <211> LENGTH: 50
136 <212> TYPE: DNA
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139 <220> FEATURE:
140 <223> OTHER INFORMATION: Oligonucleotide
142 <400> SEQUENCE: 11
143 gaaaaaaagt gtcaaaaact aatatctcgt aatttagtta atacacatat    50
145 <210> SEQ ID NO: 12
146 <211> LENGTH: 50
147 <212> TYPE: DNA
148 <213> ORGANISM: Artificial Sequence
150 <220> FEATURE:
151 <223> OTHER INFORMATION: Oligonucleotide
153 <400> SEQUENCE: 12
154 aaaccaatta gattagggtt taaatttatt cctccaagat taaatgata    50
156 <210> SEQ ID NO: 13
157 <211> LENGTH: 50
158 <212> TYPE: DNA
159 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: Oligonucleotide
164 <400> SEQUENCE: 13
165 acttttaggat tagttcacta aaagttatatt aaaaaattat atgattttta    50
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169 <212> TYPE: DNA
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173 <223> OTHER INFORMATION: Oligonucleotide
175 <400> SEQUENCE: 14
176 atttttaata actataattg aatactgca                                29
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179 <211> LENGTH: 17
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181 <213> ORGANISM: Artificial Sequence
183 <220> FEATURE:
184 <223> OTHER INFORMATION: Primer
186 <400> SEQUENCE: 15
187 gtttaacacg tggtagag                                17
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190 <211> LENGTH: 17
191 <212> TYPE: DNA
192 <213> ORGANISM: Artificial Sequence
194 <220> FEATURE:
195 <223> OTHER INFORMATION: Primer
197 <400> SEQUENCE: 16
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202 <212> TYPE: DNA
203 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
206 <223> OTHER INFORMATION: Primer
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211 <210> SEQ ID NO: 18
212 <211> LENGTH: 18
213 <212> TYPE: DNA
214 <213> ORGANISM: Artificial Sequence
216 <220> FEATURE:
217 <223> OTHER INFORMATION: Primer
219 <400> SEQUENCE: 18
220 tggttggtat accagtgt
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224 <212> TYPE: DNA
225 <213> ORGANISM: Artificial Sequence
227 <220> FEATURE:
228 <223> OTHER INFORMATION: Primer
230 <400> SEQUENCE: 19
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233 <210> SEQ ID NO: 20
234 <211> LENGTH: 21
235 <212> TYPE: DNA
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: Primer
241 <400> SEQUENCE: 20
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244 <210> SEQ ID NO: 21
245 <211> LENGTH: 20
246 <212> TYPE: DNA
247 <213> ORGANISM: Artificial Sequence
249 <220> FEATURE:
250 <223> OTHER INFORMATION: Primer
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253 ttaccatat gcgctaattgt
255 <210> SEQ ID NO: 22
256 <211> LENGTH: 19
257 <212> TYPE: DNA
258 <213> ORGANISM: Artificial Sequence
260 <220> FEATURE:
261 <223> OTHER INFORMATION: Primer
263 <400> SEQUENCE: 22
264 acgcgaaaaa atgcgtaca
266 <210> SEQ ID NO: 23

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267 <211> LENGTH: 18
268 <212> TYPE: DNA
269 <213> ORGANISM: Artificial Sequence
271 <220> FEATURE:
272 <223> OTHER INFORMATION: Primer
274 <400> SEQUENCE: 23
275 acgagaaaaa agtggcaa 18
277 <210> SEQ ID NO: 24
278 <211> LENGTH: 17
279 <212> TYPE: DNA
280 <213> ORGANISM: Artificial Sequence
282 <220> FEATURE:
283 <223> OTHER INFORMATION: Primer
285 <400> SEQUENCE: 24
286 ctcaccacgt gttaaac 17
288 <210> SEQ ID NO: 25
289 <211> LENGTH: 17
290 <212> TYPE: DNA
291 <213> ORGANISM: Artificial Sequence
293 <220> FEATURE:
294 <223> OTHER INFORMATION: Primer
296 <400> SEQUENCE: 25
297 ggtgcatgcc tatatgt 17
299 <210> SEQ ID NO: 26
300 <211> LENGTH: 19
301 <212> TYPE: DNA
302 <213> ORGANISM: Artificial Sequence
304 <220> FEATURE:
305 <223> OTHER INFORMATION: Primer
307 <400> SEQUENCE: 26
308 aatgggatcc attttgtcc 19
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311 <211> LENGTH: 19
312 <212> TYPE: DNA
313 <213> ORGANISM: Artificial Sequence
315 <220> FEATURE:
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318 <400> SEQUENCE: 27
319 aacactggta taccaacca 19
321 <210> SEQ ID NO: 28
322 <211> LENGTH: 20
323 <212> TYPE: DNA
324 <213> ORGANISM: Artificial Sequence
326 <220> FEATURE:
327 <223> OTHER INFORMATION: Primer
329 <400> SEQUENCE: 28
330 acattagcgc atatggtaaa 20
332 <210> SEQ ID NO: 29
333 <211> LENGTH: 2165

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VERIFICATION SUMMARY

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